

# **CERTIFICATE COURSE**

## **Research Methodology and Basic Statistics**

**PG Department of Social Work**

No registration fee for students from MES College Erumely

**Starting On - 11/10/2020**



**MES COLLEGE ERUMELY**

*(Approved by Govt. of Kerala & Affiliated to Mahatma Gandhi University)*

**A Minority Institution Certified by National Minority Education Commission**

**Directorate of Human Resource Development Council (HRDC)**

Director : Rejoola O.M. - 8289 882 175

MES COLLEGE ERUMELY  
DEPARTMENT OF SOCIAL WORK  
CERTIFICATE COURSE FOR MSW STUDENTS OCTOBER 2020

**Research Methodology and Basics of Statistics**

**Total: 30 hours**

<b>Module – 1 – Social Work Research</b>	
Social work research Type of research Problem formulation Hypothesis Research objectives	
<b>Module – 2 – Research Methodology</b>	
Study area Sampling Study design Sampling Tools for data collection Data collection procedure Ethics	
<b>Module – 3 - Importance of Statistics and practical guidelines for descriptive statistics</b>	
Introduction on Basic statistics Understand the google form or kobo tool box Data entry through SPSS/Excel sheet Data cleansing Frequency distribution – quantitative analysis	
<b>Module – 4 – Practical guidelines for inferential statistics and qualitative research</b>	
Quantitative data analysis – chi-square Quantitative data analysis –independent t test Quantitative data analysis – correlation Quantitative data interpretation Qualitative data Analysis (QDA minder) Qualitative data interpretation Reference management (Mendeley)	
<b>Exercise - Synopsis writing</b>	
<b>Discussion and Feedback</b>	

## References

- Creswell, J. W. (2006). Qualitative inquiry and research design: Choosing among five traditions (2nd ed.). Thousand Oaks, CA: Sage Publications.
- Dash, P.R. (2011) Research Methodology with SPSS, (1st ed.) Vrinda Publications (P) Ltd., New Delhi
- Google form. <https://www.google.com/forms/about/>
- Kobotoolbox. <https://www.kobotoolbox.org/>
- Mendeley. <https://www.mendeley.com/search/>
- QDA Miner. <https://provalisresearch.com/products/qualitative-data-analysis-software/freeware/>
- Rubin, A., Babbie, E., & Lee, P.A. (2008). Research methods for social work: Custom edition prepared exclusively for San Jose State University. Belmont, CA: Wadsworth/Thomson Learning
- Rubin, Allen (2009): Statistics for evidence-based practice and evaluation: Brooks Cole.

### About the Course

To give in depth knowledge about Research Methodology and basic statistics tools used in research. To familiarize the students with synopsis writing and to learn hypothesis formation .Also to help the students to carry out a research study.

**Who can apply : the Students studying in Social Work Department**

**The programme registration will be open from October - 15<sup>th</sup>  
Classes Strated From -11/10/2020**

Certificate will be issued on sucessful completion of the course

**Total Hours : 30**

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